


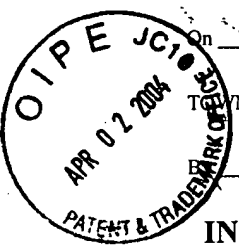
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>  Return Postcard PTO/SB/08A & PTO/SB/08B 1 Reference Copy
	<div>Remarks</div>	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

CERTIFICATE OF TRANSMISSION/MAILING			
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Typed or printed name	Edward Masinas		
Signature		Date	March <u>30</u> , 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

PATENT  
Attorney Docket No.: 018563-000190US  
Client Reference No.: AT-00004.4

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



On 3-30-04  
TOWNSEND and TOWNSEND and CREW LLP

Edward Masinas

Edward Masinas

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

CHISHTI, MUHAMMAD et al.

Application No.: 10/637,187

Filed: August 8, 2003

For: METHOD AND SYSTEM FOR  
INCREMENTALLY MOVING TEETH

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

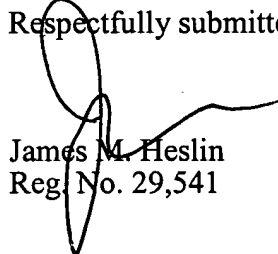
The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references, except JP 04-28359 patent, can be found in Application No. 09/791,650, filed February 21, 2001 (Attorney Docket No. 018563-000150US). The JP 04-28359 patent is enclosed herewith.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



James M. Heslin  
Reg. No. 29,541

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60152180 v1



PTO/SB/08A (08-03)

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 5

**Complete if Known**

Application Number	10/637,187
Filing Date	August 8, 2003
First Named Inventor	CHISHTI, MUHAMMAD
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	018563-000190US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	1	3,407,500	10-29-1968	Kesling	
	2	3,600,808	08-24-1971	Reeve	
	3	3,660,900	05-09-1972	Andrews	
	4	3,683,502	08-15-1972	Wallshein	
	5	3,860,803	01-14-1975	Levine	
	6	3,922,786	12-02-1975	Lavin	
	7	3,950,851	04-20-1976	Bergersen	
	8	4,195,046	03-25-1980	Kesling	
	9	4,253,828	03-03-1981	Coles et al.	
	10	4,324,546	04-13-1982	Heitlinger et al.	
	11	4,324,547	04-13-1982	Arcan et al.	
	12	4,348,178	09-07-1982	Kurz	
	13	4,500,294	02-19-1985	Lewis	
	14	4,504,225	03-12-1985	Yoshii	
	15	4,505,673	03-19-1985	Yoshii	
	16	4,526,540	07-02-1985	Dellinger	
	17	4,575,330	03-11-1986	Hull	
	18	4,591,341	05-27-1986	Andrews	
	19	4,609,349	09-02-1986	Cain	
	20	4,664,626	05-12-1987	Kesling	
	21	4,676,747	06-30-1987	Kesling	
	22	4,755,139	07-05-1988	Abbatte et al.	
	23	4,763,791	08-27-1988	Halverson et al.	
	24	4,793,803	12-16-1988	Martz	
	25	4,798,534	01-17-1989	Breads	
	26	4,836,778	06-06-1989	Baumrind et al.	
	27	4,837,732	06-06-1989	Brandestini et al.	
	28	4,850,865	07-25-1989	Napolitano	
	29	4,856,991	08-15-1989	Breads et al.	
	30	4,877,398	10-13-1989	Kesling	
	31	4,880,380	11-14-1989	Martz	
	32	4,936,862	06-26-1990	Walker et al.	
	33	4,941,826	07-17-1990	Loran et al.	
	34	4,983,334	01-08-1991	Adell	
	35	5,011,405	04-30-1991	Lemchen	
	36	5,017,133	05-21-1991	Miura	
	37	5,035,613	07-30-1991	Breads et al.	
	38	5,055,039	10-08-1991	Abatte et al.	
	39	5,059,118	10-22-1991	Breads et al.	
	40	5,100,316	03-31-1992	Wildman	
	41	5,125,832	06-30-1992	Kesling	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/637,187	
			Filing Date	August 8, 2003	
			First Named Inventor	CHISHTI, MUHAMMAD	
			Art Unit	Unassigned	
Examiner Name	Unassigned				
Sheet	2	of	5	Attorney Docket Number	018563-000190US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	42	5,139,419	08-18-1992	Andreiko et al.	
	43	5,145,364	09-08-1992	Martz et al.	
	44	5,186,623	02-16-1993	Breads et al.	
	45	5,273,429	12-28-1993	Rekow et al.	
	46	5,338,198	08-16-1994	Wu et al.	
	47	5,340,309	08-23-1994	Robertson	
	48	5,342,202	08-30-1994	Deshayes	
	49	5,367,478	11-22-1994	Hattori	
	50	5,368,478	11-29-1994	Andreiko et al.	
	51	5,382,164	01-17-1995	Stern	
	52	5,395,238	03-07-1995	Andreiko et al.	
	53	5,431,562	07-11-1995	Andreiko et al.	
	54	5,447,432	09-05-1995	Andreiko et al.	
	55	5,452,219	09-19-1995	Dehoff et al.	
	56	5,454,717	10-03-1995	Andreiko et al.	
	57	5,456,600	10-10-1995	Andreiko et al.	
	58	5,474,448	12-12-1995	Andreiko et al.	
	59	5,528,735	06-18-1996	Strasnick et al.	
	60	5,533,895	07-09-1996	Andreiko et al.	
	61	5,542,842	08-06-1996	Andreiko et al.	
	62	5,549,476	08-27-1996	Stern	
	63	5,587,912	12-24-1996	Anderson et al.	
	64	5,605,459	02-25-1997	Kuroda et al.	
	65	5,607,305	03-04-1997	Andersson et al.	
	66	5,645,420	07-08-1997	Bergersen	
	67	5,645,421	07-08-1997	Slootsky	
	68	5,655,653	08-12-1997	Chester	
	69	5,683,243	11-04-1997	Andreiko et al.	
	70	5,692,894	12-02-1997	Schwartz et al.	
	71	5,725,376	03-10-1998	Poirier	
	72	5,725,378	03-10-1998	Wang	
	73	5,800,174	09-01-1998	Andersson	
	74	5,866,058	02-02-1999	Batchelder et al.	
	75	5,879,158	03-09-1999	Doyle et al.	
	76	5,880,961	03-09-1999	Crump	
	77	5,957,686	09-28-1999	Anthony	
	78	5,964,587	10-12-1999	Sato	
	79	5,971,754	10-26-1999	Sondhi et al.	
	80	5,975,893	11-02-1999	Chisti et al.	
	81	6,044,309	03-28-2000	Honda	
	82	6,049,743	04-11-2000	Baba	

Examiner Signature	Date Considered
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	10/637,187	
			Filing Date	August 8, 2003	
			First Named Inventor	CHISHTI, MUHAMMAD	
			Art Unit	Unassigned	
Examiner Name	Unassigned				
Sheet	3	of	5	Attorney Docket Number	018563-000190US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	83	6,123,544	09-26-2000	Cleary	
	84	6,183,248	02-06-2001	Chishti et al.	
	85	6,190,165	02-20-2001	Andreiko et al.	
	86	6,217,334	04-17-2001	Hultgren	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	87	FR	2369828		06-02-1978			<input type="checkbox"/>
	88	JP	04-28359		01-30-1992			<input checked="" type="checkbox"/>
	89	WO	98/58596		12-30-1998			<input type="checkbox"/>
	90	WO	98/32394		07-30-1998			<input type="checkbox"/>
	91	WO	94/10935		05-01-1994			<input type="checkbox"/>

Examiner Signature		Date Considered	
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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/637,187
				Filing Date	August 8, 2003
				First Named Inventor	CHISHTI, MUHAMMAD
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	4	of	5	Attorney Docket Number	018563-000190US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	92	Andrews, "The Six Keys to Optimal Occlusion" <i>Straight Wire, Chapter 3</i> pp13-24	
	93	Biostar Opeation & Training Manual. Great Lakes Orthodontics, Ltd. 199 Fire Tower Drive, Tonawanda, New York. 14150-5890. 20 pages total	
	94	Cardinal Industrial Finishes, Powder Coatings information posted at <a href="http://www.cardinalpaint.com">http://www.cardinalpaint.com</a> on 08/25/00, 2 pages total.	
	95	Chiappone, "Constructing the gnathologic setup and positioner" <i>J. Clin. Orthod.</i> (1980) 14:121-133.	
	96	Cottingham, "Gnathologic clear plastic positioner" <i>Am. J. Orthod.</i> (1969) 55:23-31.	
	97	Cureton, "Correcting malaligned mandibular incisors with removable retainers" <i>J. Clin. Orthod.</i> (1996) 30:390-395.	
	98	Dent-X posted at <a href="http://www.dent-x.com/DentSim.htm">http://www.dent-x.com/DentSim.htm</a> 09/24/98, 6 pages total.	
	99	Elsasser, "Some observations on the history and uses of the Kesling positioner" <i>Am. J. Orthod.</i> (1950) 36:368-374.	
	100	Kamada et al., "Case reports on tooth positioners using LTV vinyl silicone rubber" <i>J. Nihon University School of Dentistry</i> (1984) 26(1):11-29.	
	101	Kamada et al., "Construction of tooth positioners with LTV vinyl silicone rubber and some case reports" <i>J. Nihon University School of Dentistry</i> (1982) 24(1):1-27.	
	102	Kesling in the <i>Am. J. Orthod. Oral. Surg.</i> 31:297-304 (1945) and 32:285-293 (1946)	
	103	Kesling, "Coordinating the predetermined pattern and tooth positioner with conventional treatment" <i>Am. J. Orthod. Oral. Surg.</i> (1946) 32:285-293.	
	104	Kesling, "The philosophy of the tooth positioning appliance" <i>Am. J. Orthod. Oral. Surg.</i> (1945) 31(6):297-304.	
	105	Kleemann et al., "The speed positioner" <i>J. Clin. Orthod.</i> (1996) 30:673-680.	
	106	Kunii et al., "Articulation Simulation for an Intelligent Dental Care System" <i>Displays</i> (1994) 15:181-188.	
	107	Kuroda et al., "Three-dimensional dental cast analyzing system using laser scanning" <i>Am. J. Orthod. Dentofac. Orthop.</i> (1996) 110:365-369.	

Examiner Signature		Date Considered	
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		Filing Date	August 8, 2003		
		First Named Inventor	CHISHTI, MUHAMMAD		
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		Examiner Name	Unassigned		
Sheet	5	of	5	Attorney Docket Number	018563-000190US

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	108	Nahoum et al., "The vacuum formed dental contour appliance" <i>The New York State Dental Journal</i> (1964) 30(9):385-390.	
	109	<i>Nippon Dental Review</i> "New orthodontic device-dynamic positioner (D.P.)-Case reports of reversed occlusion" (1980) 458:112-129.	
	110	<i>Nippon Dental Review</i> "New orthodontic device-dynamic positioner (D.P.)-I. Approach to the proposal of D.P. and transparent silicone rubber" (1980) 452:61-74.	
	111	<i>Nippon Dental Review</i> "New orthodontic device-dynamic positioner (D.P.)-II. Practical application and construction of D.P." (1980) 454:107-130.	
	112	<i>Nippon Dental Review</i> "New orthodontic device-dynamic positioner (D.P.)-III. Case reports of reversed occlusion" 1980) 457:146-164.	
	113	Nishiyama et al., "A new construction of tooth repositioner by LTV vinyl silicone rubber" <i>J. Nihon University School of Dentistry</i> (1977) 19(2):93-102.	
	114	Proffit et al, "Contemporary Orthodontics" Second Edition, Chapter 15, pp 470-533	
	115	<i>Raintree Essix™ &amp; ARS Materials, Inc.</i> , Raintree Essix™ Technical Magazine Table of Contents and Essix™ Applications, <a href="http://www.essix.com/magazine/default.html">http://www.essix.com/magazine/default.html</a> (Aug. 13, 1997) 7 pages total.	
	116	Richmond et al., "The development of the PAR Index (Peer Assessment Rating): reliability and validity" <i>European Journal of Orthodontics</i> (1992) 14:125-139.	
	117	Schroeder et al., Eds. <i>The Visual Toolkit</i> , Prentice Hall PTR, New Jersey (1998) Chapters 6, 8, and 9 (pages 153-210, 309-354, and 355-428, respectively).	
	118	Shilliday, "Minimizing finishing problems with the mini-positioner" <i>Am. J. Orthod.</i> (1971) 59:596-599.	
	119	Warunek et al., "Clinical use of silicone elastomer appliances" <i>JCO</i> (1989) XXIII(10):694-700.	
	120	Warunek et al., "Physical and mechanical properties of elastomers in orthodontic positioners" <i>Am. J. Orthod. Dentofac. Orthop.</i> (1989) 95:388-400.	
	121	Wells, "Application of the positioner appliance in orthodontic treatment" <i>Am. J. Orthodont.</i> (1970) 58:351-366.	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.